



Vermont Department of Health Laboratory

195 Colchester Avenue, P.O. Box 1125, Burlington VT 05402-1125
DataMaster Technical Services (ph) 802-863-7641; (fax) 802-863-7632

DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: Rutland PD _____ DataMaster Serial #: 100159 _____

Date: 11/02/2011 _____ Requestor: Kevin Geno _____

Instrument Supervisor: John Sly _____ Phone #: _____

Taken By: Kirk Kimball _____

Problem: Been down since July, Failed RPC Low _____

Laboratory Response: Had no knowledge of the site being down, will be in Rutland to investigate instrument. SH _____

Work Performed: _____

11/2/2011 - Started to investigate Low Simulator solution Vapor recovery, simulator temperature, and pressure appear to be good. While investigating it was found that the detector voltage had drifted to about -0.378 mv, outside VDH limits. The Instrument was removed to the VDH Lab. SH

☒ On Site ☐ In-house

Attachments: _____ 1 _____ pages

Performed By: Steven Harnois _____

Date: 11/3/2011 _____

Final Review: Kirk L. Kimball _____

Date: 11/3/2011 _____

DIAGNOSTIC RESULT

DataMaster DMT: 100159
Location: RUTLAND CITY PD
Calibration Date: 04/27/2011
Certification Date: 04/28/2011
Installation Date: 05/02/2011
Test Date: 11/02/2011
Time: 12:19



VERSIONS

DMT 1.05
PIC 2.05
Modem 1.06
Questions 1.00
Reports 1.02

TEMPERATURES

Sample Chamber = 49.03°C
Breath Tube = 48.07°C
Digital Sim = 33.9°C

SETTINGS

Lamp Voltage = 1.91 V
Cooler Voltage = 1.71 V
Bias Voltage = 79.9 V
Chopper Freq = 532.8 Hz

PUMP INFO

Flow Rate = 5.760 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.3811	-0.3772
MIN(V)	-0.3829	-0.3789

FILTER INFO

Filter 1	-0.378	Zero = true
Filter 2	-0.145	Zero = true
Filter 3	0.192	Zero = true

CALIBRATION CHECK

Xq = 0.0747 0.58%